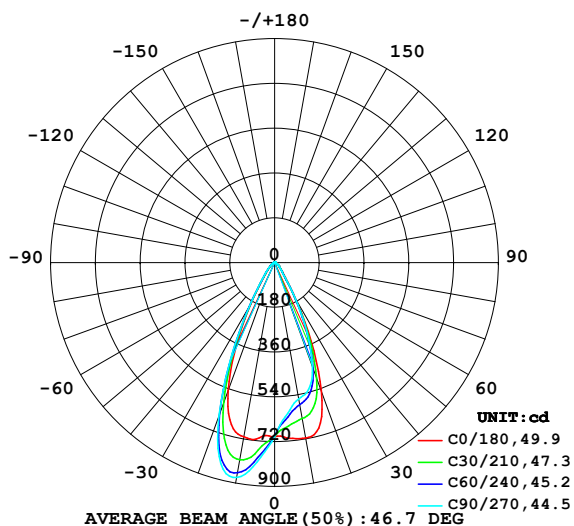


LUMINAIRE PHOTOMETRIC TEST REPORT

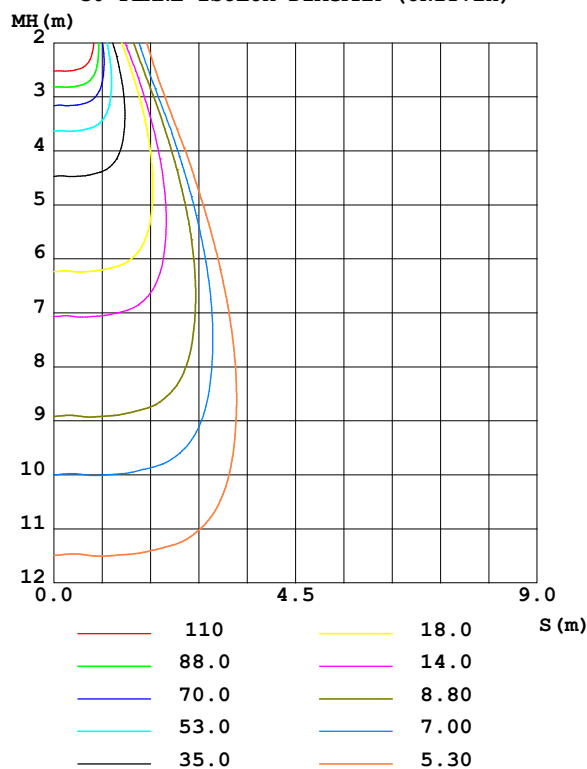
Test:U:230.18V I:0.0763A P:9.6460W PF:0.5489 Freq:50.00Hz Lamp Flux:532.585x1 lm		
NAME: P102024	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D44mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 55.21 lm/W
MODEL	TYSA023	I _{max} (cd)	879.9	S/MH (C0/180)	0.76	
NOMINAL POWER (W)	9W	LOR (%)	100.0	S/MH (C90/270)	0.76	
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	532.59	η UP,DN (C0-180)	0.4,44.1	
NOMINAL FLUX (lm)	532.585	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.3,55.2	
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	0.50	
TEST VOLTAGE (V)	230	η down (%)	99.3	CIBSE SHR MAX	0.70	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: CAM
Test Date: 30 July 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity: 65.0%
Test Distance: 8.910m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	715.7	603.9	556.9	589.5	710.8	837.2	876.8	839.4	0- 10	67.80	67.80	12.7,12.7
20	549.3	470.4	445.1	470.1	547.0	625.0	655.5	636.2	10- 20	186.0	253.8	47.7,47.7
30	172.0	164.7	169.0	173.8	195.3	198.8	201.5	191.1	20- 30	161.2	415.0	77.9,77.9
40	52.17	47.38	46.15	47.64	54.23	59.41	61.00	59.01	30- 40	59.95	475.0	89.2,89.2
50	23.50	23.26	23.07	23.18	24.33	24.82	24.79	24.80	40- 50	27.68	502.6	94.4,94.4
60	11.61	11.94	12.03	12.19	12.64	12.45	11.99	11.86	50- 60	15.81	518.5	97.3,97.3
70	3.314	3.361	3.431	3.444	3.539	3.417	3.338	3.337	60- 70	7.028	525.5	98.7,98.7
80	1.498	1.521	1.544	1.569	1.581	1.543	1.522	1.509	70- 80	2.565	528.0	99.1,99.1
90	0	0	0	0	0	0	0.0002	0	80- 90	0.7192	528.8	99.3,99.3
100	0	0.0000	0.0002	0	0	0	0	0	90-100	0.0000	528.8	99.3,99.3
110	0.0056	0.0310	0.0562	0.0309	0.0172	0.0113	0	0.0113	100-110	0.0073	528.8	99.3,99.3
120	0.1459	0.1798	0.2078	0.1770	0.1125	0.0814	0.0504	0.0899	110-120	0.0607	528.8	99.3,99.3
130	0.5488	0.6321	0.6740	0.6292	0.4218	0.3593	0.3307	0.3818	120-130	0.2562	529.1	99.3,99.3
140	1.213	1.362	1.445	1.375	1.005	0.8756	0.8249	0.9095	130-140	0.6118	529.7	99.5,99.5
150	1.931	2.075	2.174	2.119	1.708	1.547	1.488	1.580	140-150	0.9232	530.6	99.6,99.6
160	2.498	2.532	2.600	2.571	2.291	2.198	2.145	2.212	150-160	0.9767	531.6	99.8,99.8
170	2.762	2.729	2.740	2.776	2.667	2.661	2.633	2.673	160-170	0.7206	532.3	100,100
180	2.841	2.877	2.863	2.897	2.847	2.875	2.858	2.889	170-180	0.2659	532.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:30 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

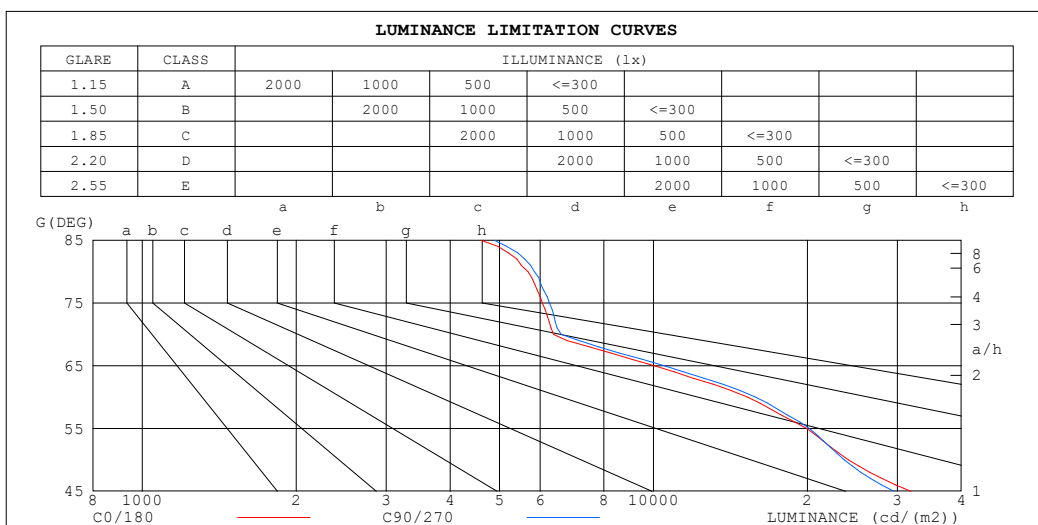
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.18V I:0.0763A P:9.6460W PF:0.5489 Freq:50.00Hz Lamp Flux:532.585x1 lm		
NAME: P102024	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D44mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4598	4881
80	5677	5850
75	6062	6255
70	6376	6601
65	10036	10494
60	15275	15833
55	19956	20176
50	24059	23621
45	31860	29529

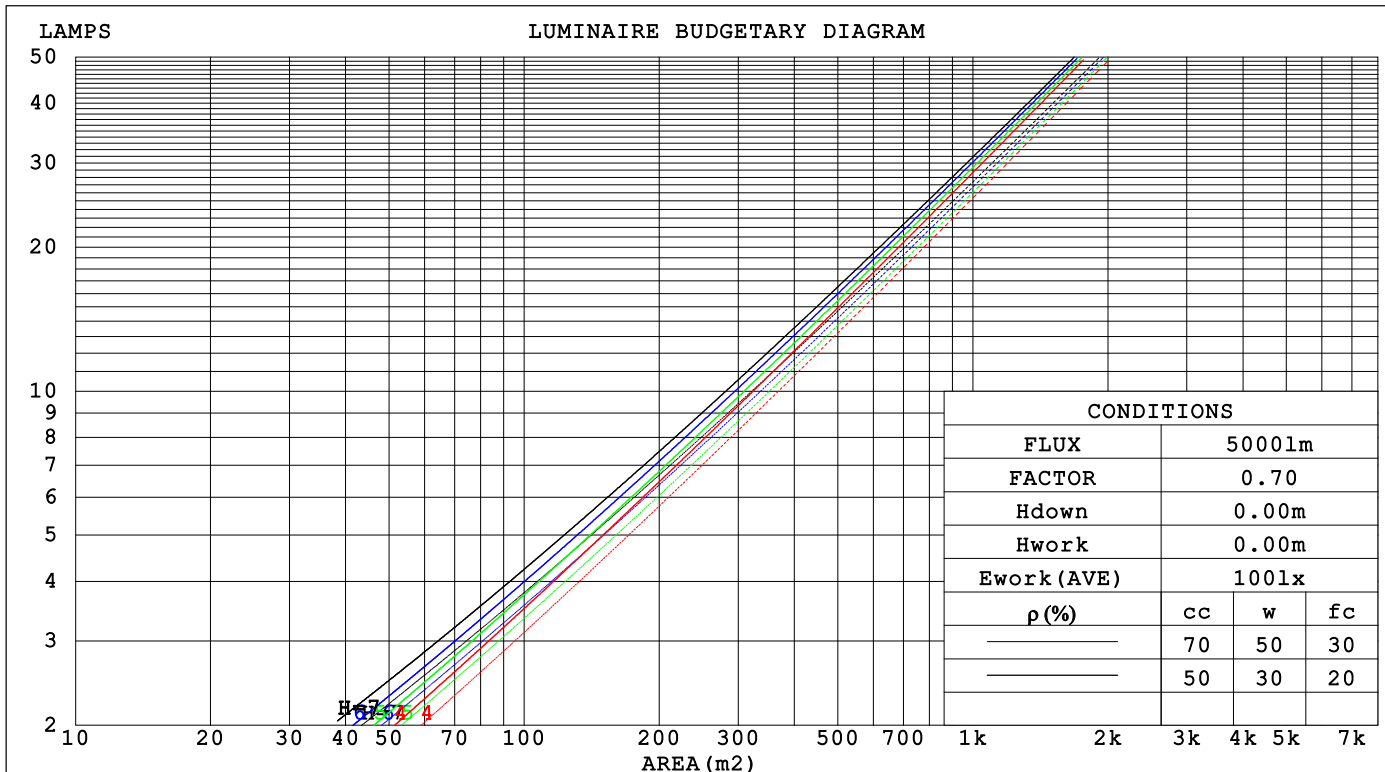
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:30 July 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.18V I:0.0763A P:9.6460W PF:0.5489 Freq:50.00Hz Lamp Flux:532.585x1 lm		
NAME: P102024	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D44mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:30 July 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:230.18V I:0.0763A P:9.6460W PF:0.5489 Freq:50.00Hz Lamp Flux:532.585x1 lm					
NAME: P102024			TYPE: 2700K		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.:			SUR.: D44mm		Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.178	.101	.032	.171	.098	.031	.158	.091	.029	.146	.084	.027	.135	.078	.025		
2.0	.169	.093	.028	.163	.090	.028	.152	.085	.026	.142	.080	.025	.133	.075	.024		
3.0	.160	.085	.026	.155	.083	.025	.146	.079	.024	.137	.075	.023	.129	.071	.022		
4.0	.152	.079	.023	.147	.077	.023	.139	.074	.022	.132	.071	.021	.125	.068	.021		
5.0	.144	.073	.021	.140	.072	.021	.133	.069	.020	.126	.067	.020	.120	.064	.019		
6.0	.137	.068	.020	.133	.067	.019	.127	.065	.019	.121	.063	.019	.116	.061	.018		
7.0	.130	.064	.018	.127	.063	.018	.122	.062	.018	.117	.060	.017	.112	.058	.017		
8.0	.124	.061	.017	.122	.060	.017	.117	.058	.017	.112	.057	.016	.108	.055	.016		
9.0	.119	.057	.016	.116	.057	.016	.112	.055	.016	.108	.054	.015	.104	.053	.015		
10.0	.114	.055	.015	.112	.054	.015	.108	.053	.015	.104	.052	.015	.100	.050	.014		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.196	.196	.196	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021		
1.0	.177	.163	.150	.151	.140	.129	.103	.096	.089	.060	.056	.052	.019	.018	.017		
2.0	.161	.138	.118	.138	.119	.102	.095	.082	.071	.055	.048	.042	.018	.015	.014		
3.0	.149	.119	.095	.128	.103	.083	.088	.071	.058	.051	.042	.034	.016	.014	.011		
4.0	.138	.104	.078	.119	.090	.068	.082	.063	.048	.047	.037	.028	.015	.012	.009		
5.0	.129	.093	.066	.111	.080	.057	.077	.056	.040	.044	.033	.024	.014	.011	.008		
6.0	.122	.083	.056	.105	.072	.049	.072	.051	.034	.042	.030	.020	.014	.010	.007		
7.0	.115	.076	.048	.099	.066	.042	.068	.046	.030	.040	.027	.018	.013	.009	.006		
8.0	.109	.070	.042	.094	.060	.037	.065	.042	.026	.038	.025	.016	.012	.008	.005		
9.0	.104	.064	.037	.090	.056	.033	.062	.039	.023	.036	.023	.014	.012	.008	.005		
10.0	.099	.060	.034	.086	.052	.029	.059	.037	.021	.035	.022	.012	.011	.007	.004		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:30 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.18V I:0.0763A P:9.6460W PF:0.5489 Freq:50.00Hz Lamp Flux:532.585x1 lm											
NAME: P102024					TYPE: 2700K			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.: D44mm			Shielding Angle:			
ceiling/cavity		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H y = 2H		20.9	21.8	21.2	22.0	22.2	20.8	21.7	21.0	21.9	22.0
3H		21.0	21.9	21.3	22.1	22.3	20.9	21.7	21.2	21.9	22.2
4H		21.0	21.8	21.3	22.1	22.3	20.9	21.7	21.2	22.0	22.2
6H		21.0	21.8	21.4	22.1	22.3	20.9	21.7	21.3	22.0	22.2
8H		21.0	21.8	21.4	22.0	22.3	20.9	21.7	21.3	21.9	22.2
12H		21.0	21.7	21.4	22.0	22.3	20.9	21.6	21.3	21.9	22.2
4H 2H		21.0	21.8	21.3	22.0	22.2	20.8	21.6	21.1	21.9	22.1
3H		21.1	21.8	21.5	22.1	22.4	21.0	21.7	21.3	22.0	22.3
4H		21.2	21.8	21.5	22.1	22.5	21.1	21.7	21.5	22.0	22.4
6H		21.2	21.8	21.6	22.1	22.5	21.2	21.7	21.6	22.1	22.4
8H		21.3	21.8	21.7	22.1	22.5	21.2	21.7	21.6	22.1	22.5
12H		21.3	21.7	21.7	22.1	22.5	21.2	21.7	21.6	22.0	22.5
8H 4H		21.1	21.6	21.5	22.0	22.4	21.0	21.6	21.4	21.9	22.3
6H		21.2	21.7	21.7	22.1	22.5	21.2	21.6	21.6	22.0	22.4
8H		21.3	21.7	21.7	22.1	22.5	21.2	21.6	21.7	22.0	22.5
12H		21.3	21.6	21.8	22.1	22.6	21.3	21.6	21.7	22.0	22.5
12H 4H		21.1	21.6	21.5	22.0	22.4	21.0	21.5	21.4	21.9	22.3
6H		21.2	21.6	21.7	22.0	22.5	21.1	21.5	21.6	22.0	22.4
8H		21.3	21.6	21.8	22.1	22.5	21.2	21.5	21.7	22.0	22.5
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 1.2 / - 1.5					+ 1.0 / - 1.3				
1.5H		+ 1.8 / - 0.9					+ 1.4 / - 0.7				
2.0H		+ 1.8 / - 1.9					+ 1.4 / - 1.8				

CIE Pub.117, 532.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.2)
Area: 0.00151976 m2

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:30 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.18V I:0.0763A P:9.6460W PF:0.5489 Freq:50.00Hz Lamp Flux:532.585x1 lm		
NAME: P102024	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D44mm	Shielding Angle:

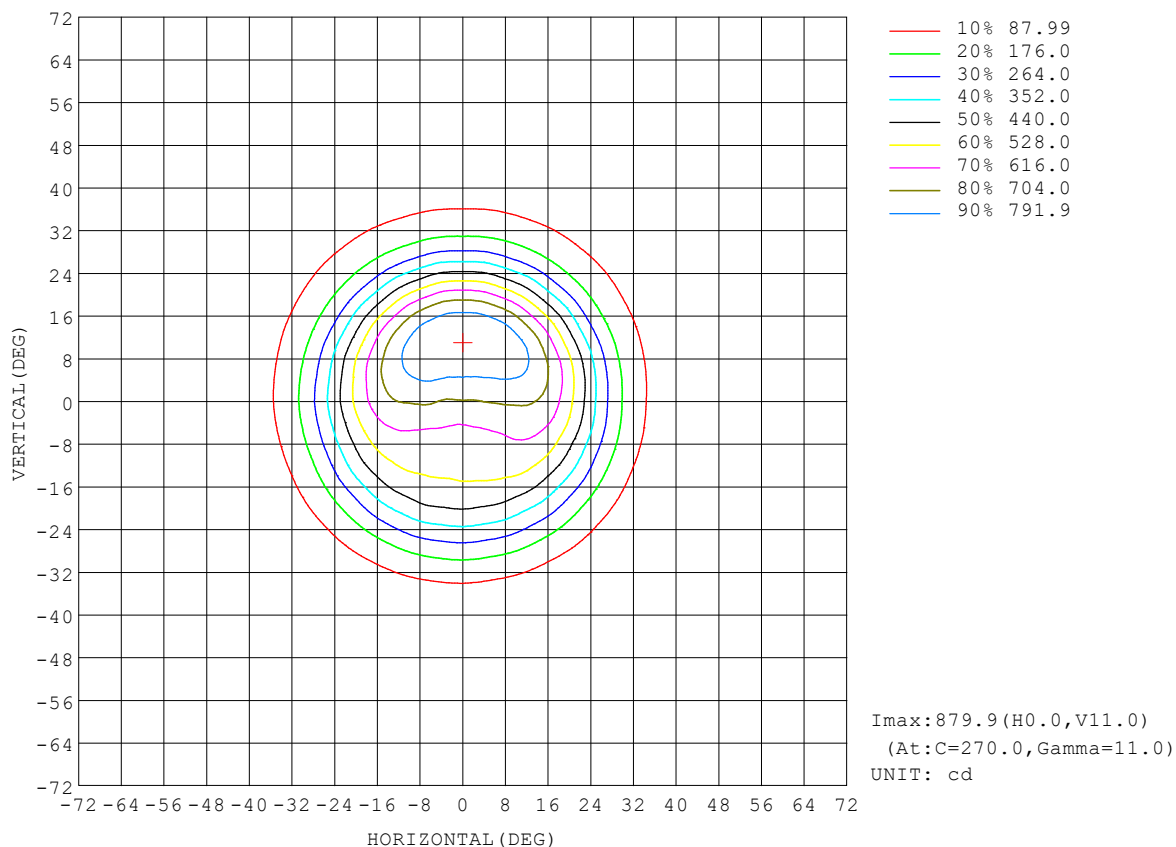
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	85	78	74	84	78	74	83	77	74	70
0.80	92	86	82	92	86	82	90	85	82	78
1.00	97	91	87	96	91	87	95	91	86	82
1.25	102	96	92	100	95	92	98	94	91	86
1.50	104	99	96	103	99	95	101	97	94	89
2.00	107	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	108	111	108	106	107	105	104	96
5.00	114	112	110	112	110	108	108	107	105	97
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: CAM
Test Date: 30 July 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity: 65.0%
Test Distance: 8.910m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:230.18V I:0.0763A P:9.6460W PF:0.5489 Freq:50.00Hz Lamp Flux:532.585x1 lm		
NAME: P102024	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D44mm	Shielding Angle:

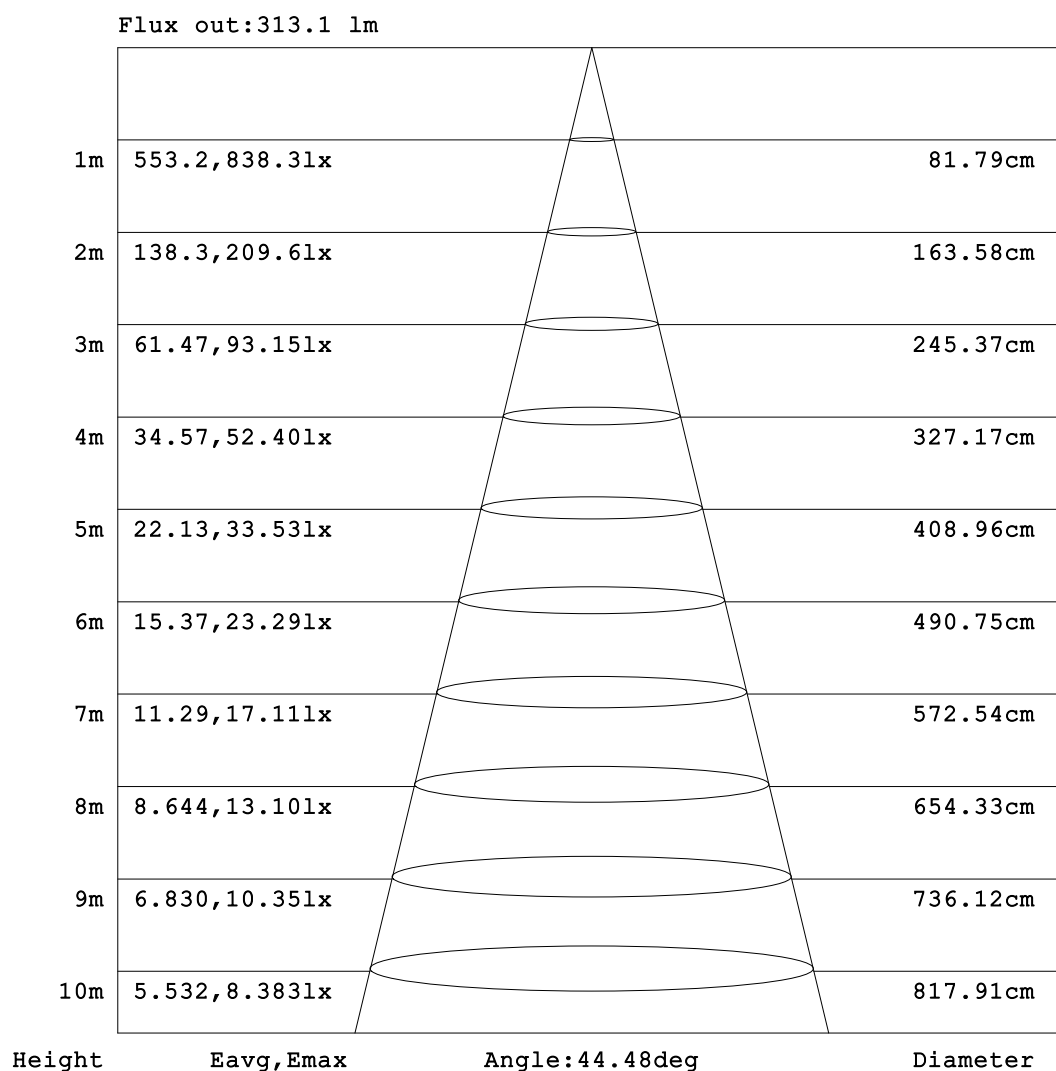


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:30 July 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.18V I:0.0763A P:9.6460W PF:0.5489 Freq:50.00Hz Lamp Flux:532.585x1 lm		
NAME: P102024	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D44mm	Shielding Angle:



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:30 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

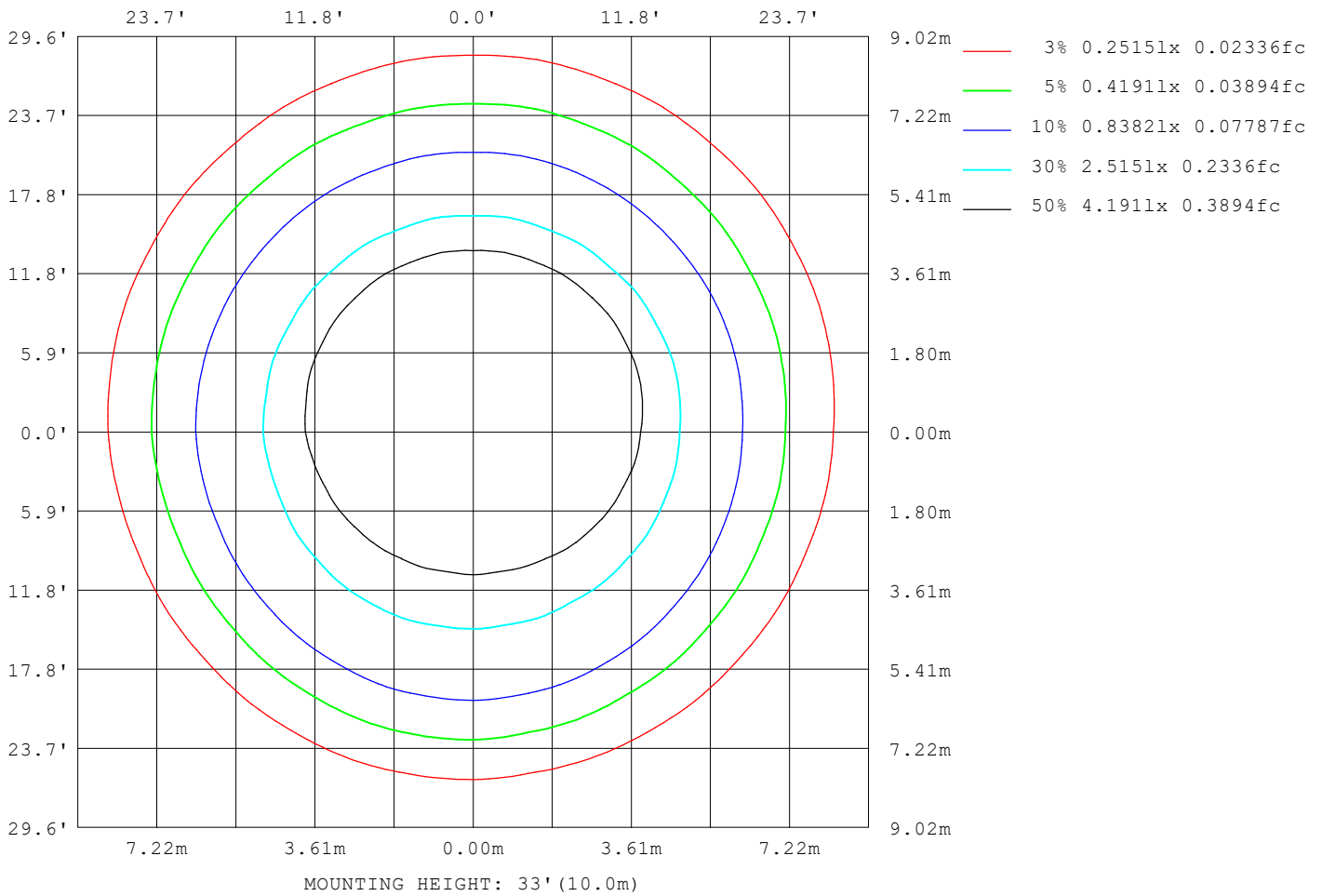
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.18V I:0.0763A P:9.6460W PF:0.5489 Freq:50.00Hz Lamp Flux:532.585x1 lm		
NAME: P102024	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D44mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:CAM
Test Date:30 July 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.18V I:0.0763A P:9.6460W PF:0.5489 Freq:50.00Hz Lamp Flux:532.585x1 lm		
NAME: P102024	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D44mm	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	10697
L_0~180 (75) av	6181
L_0~180 (85) av	4898
L_90~270 (65) av	10553
L_90~270 (75) av	6177
L_90~270 (85) av	4960
L_45 (65) av	10656
L_45 (75) av	6157
L_45 (85) av	4436

Standard: GB/T 29293-2012

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:30 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

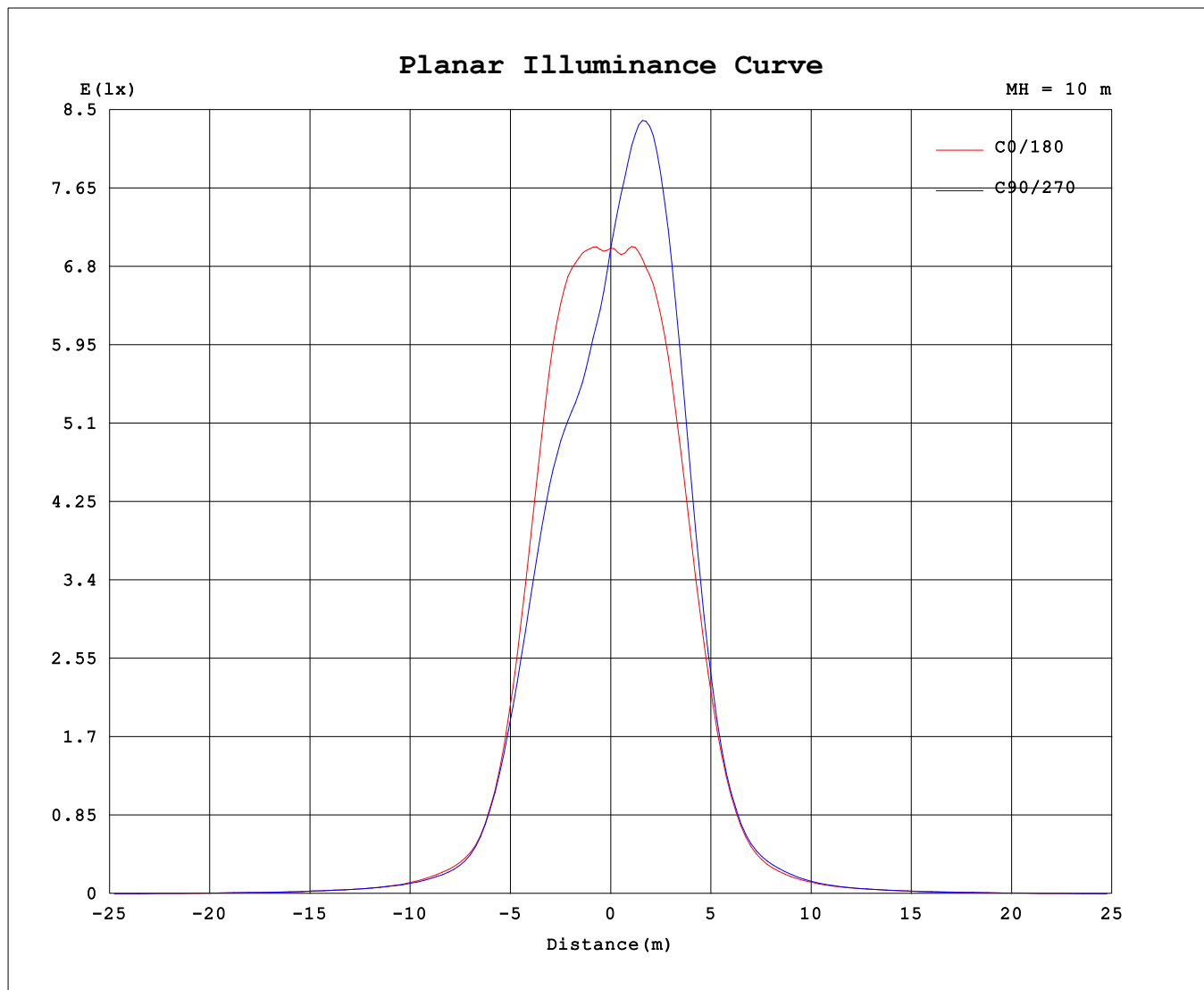
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: CAM
Test Date: 30 July 2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity: 65.0%
Test Distance: 8.910m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.18V I:0.0763A P:9.6460W PF:0.5489 Freq:50.00Hz Lamp Flux:532.585x1 lm																		
NAME: P102024									TYPE: 2700K					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.:									SUR.: D44mm					Shielding Angle:				

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	700	699	698	699	697	699	696	699	696	700	697	701	699	702	701	703	703	704	700
5	709	691	674	659	644	633	623	617	610	609	607	614	619	631	643	658	675	692	707
10	716	688	661	637	613	595	580	570	563	557	553	557	566	581	598	621	646	678	711
15	688	660	628	603	580	563	546	536	529	528	525	529	534	547	560	581	606	639	674
20	549	533	507	493	475	466	452	448	441	445	444	455	456	466	474	488	499	520	547
25	349	343	330	327	316	315	305	309	303	308	307	316	317	324	325	334	335	347	365
30	172	172	169	166	164	165	165	167	166	169	169	172	171	173	174	178	177	185	195
35	81.4	80.0	76.9	76.1	74.0	74.1	72.8	74.3	74.1	76.9	77.0	78.2	77.9	79.2	79.5	81.9	83.4	88.1	93.6
40	52.2	51.1	49.4	48.7	47.5	47.2	46.4	46.3	45.8	46.1	46.1	46.7	46.7	47.5	47.8	49.1	49.9	51.7	54.2
45	34.2	33.9	33.0	33.0	32.4	32.5	31.9	32.0	31.5	31.7	31.5	31.7	31.5	31.8	31.9	32.6	32.8	33.7	35.1
50	23.5	23.5	23.3	23.3	23.2	23.3	23.1	23.2	23.0	23.1	23.0	23.1	23.0	23.2	23.2	23.4	23.4	23.7	24.3
55	17.4	17.5	17.4	17.5	17.4	17.6	17.5	17.6	17.4	17.6	17.5	17.7	17.6	17.7	17.7	17.9	17.8	17.9	18.2
60	11.6	11.8	11.7	11.9	11.9	12.0	11.9	12.0	11.8	12.0	11.9	12.1	12.0	12.2	12.1	12.4	12.3	12.4	12.6
65	6.45	6.54	6.48	6.60	6.56	6.68	6.59	6.71	6.61	6.74	6.66	6.80	6.74	6.91	6.83	7.01	6.92	7.04	7.30
70	3.31	3.32	3.33	3.34	3.35	3.37	3.38	3.40	3.40	3.43	3.43	3.45	3.43	3.45	3.44	3.46	3.43	3.44	3.54
75	2.38	2.37	2.39	2.39	2.41	2.41	2.44	2.44	2.46	2.46	2.48	2.47	2.48	2.47	2.48	2.46	2.46	2.45	2.48
80	1.50	1.47	1.51	1.49	1.53	1.51	1.54	1.53	1.55	1.54	1.56	1.56	1.58	1.56	1.58	1.56	1.56	1.55	1.58
85	0.61	0.60	0.62	0.60	0.53	0.61	0.64	0.64	0.65	0.65	0.66	0.66	0.67	0.55	0.65	0.66	0.66	0.65	0.69
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
105	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00
110	0.01	0.06	0.00	0.06	0.01	0.06	0.01	0.06	0.01	0.06	0.01	0.06	0.00	0.06	0.00	0.06	0.00	0.05	0.02
115	0.05	0.11	0.06	0.11	0.05	0.11	0.06	0.12	0.06	0.12	0.06	0.11	0.06	0.11	0.06	0.10	0.04	0.10	0.06
120	0.15	0.20	0.15	0.21	0.15	0.21	0.16	0.21	0.16	0.21	0.16	0.21	0.15	0.21	0.15	0.20	0.13	0.19	0.11
125	0.31	0.36	0.32	0.38	0.33	0.38	0.35	0.39	0.34	0.39	0.34	0.39	0.34	0.38	0.32	0.37	0.31	0.36	0.24
130	0.55	0.61	0.58	0.64	0.61	0.66	0.62	0.68	0.63	0.67	0.63	0.67	0.62	0.65	0.61	0.64	0.57	0.61	0.42
135	0.86	0.93	0.90	0.97	0.94	1.00	0.99	1.03	0.99	1.04	1.00	1.04	0.98	1.01	0.95	0.98	0.91	0.93	0.69
140	1.21	1.28	1.27	1.34	1.33	1.39	1.37	1.43	1.40	1.45	1.40	1.43	1.38	1.41	1.35	1.36	1.29	1.30	1.01
145	1.58	1.66	1.65	1.72	1.71	1.77	1.76	1.82	1.79	1.84	1.79	1.83	1.76	1.80	1.74	1.75	1.68	1.69	1.36
150	1.93	2.01	1.98	2.06	2.04	2.11	2.09	2.16	2.13	2.17	2.13	2.19	2.12	2.16	2.08	2.10	2.03	2.06	1.71
155	2.26	2.32	2.28	2.34	2.31	2.38	2.35	2.43	2.37	2.44	2.40	2.44	2.38	2.42	2.36	2.40	2.33	2.36	2.02
160	2.50	2.56	2.50	2.55	2.50	2.57	2.53	2.59	2.54	2.60	2.56	2.61	2.56	2.60	2.54	2.61	2.55	2.61	2.29
165	2.66	2.70	2.62	2.67	2.61	2.68	2.62	2.68	2.61	2.68	2.63	2.69	2.64	2.71	2.66	2.73	2.68	2.76	2.50
170	2.76	2.80	2.72	2.76	2.70	2.76	2.69	2.75	2.69	2.74	2.69	2.76	2.72	2.79	2.76	2.84	2.78	2.86	2.67
175	2.82	2.85	2.79	2.85	2.80	2.86	2.80	2.84	2.77	2.84	2.79	2.85	2.81	2.89	2.86	2.90	2.86	2.88	2.80
180	2.84	2.85	2.84	2.86	2.87	2.88	2.86	2.86	2.85	2.86	2.86	2.87	2.88	2.90	2.90	2.90	2.88	2.88	2.85

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:30 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.18V I:0.0763A P:9.6460W PF:0.5489 Freq:50.00Hz Lamp Flux:532.585x1 lm																	
NAME: P102024									TYPE: 2700K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.: D44mm						Shielding Angle:		

Table--2

UNIT: cd

C (DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	699	698	699	697	699	696	699	696	700	697	701	699	702	701	703	703	704		
5	725	740	756	767	780	787	797	799	803	798	795	785	778	766	756	741	727		
10	744	776	804	828	846	858	867	874	877	875	872	861	848	830	808	777	746		
15	701	733	759	786	804	822	829	838	836	839	834	830	818	806	781	755	722		
20	560	586	599	620	630	647	649	661	655	660	652	652	638	634	614	601	577		
25	366	380	380	393	393	404	401	410	405	410	402	405	393	396	382	381	365		
30	194	199	196	200	198	204	200	205	201	205	199	199	190	192	185	186	179		
35	94.7	97.0	96.9	98.5	98.4	100	99.0	101	99.2	101	98.3	97.8	93.9	93.0	89.8	88.7	85.4		
40	55.7	57.3	57.8	59.3	59.5	60.8	60.7	61.4	61.0	61.6	60.7	60.7	59.2	58.8	57.2	56.2	54.3		
45	35.6	36.5	36.7	37.5	37.5	38.2	38.1	38.6	38.2	38.7	38.2	38.5	37.6	37.8	36.8	36.5	35.4		
50	24.4	24.7	24.6	24.9	24.8	25.1	24.9	25.0	24.8	25.1	24.9	25.1	24.8	24.8	24.4	24.3	23.9		
55	18.1	18.2	18.0	18.2	18.1	18.2	18.1	18.1	17.9	18.0	17.8	17.9	17.8	17.8	17.7	17.7	17.5		
60	12.5	12.6	12.4	12.5	12.4	12.5	12.2	12.3	12.0	12.1	11.9	12.0	11.8	11.9	11.7	11.9	11.7		
65	7.20	7.30	7.18	7.25	7.10	7.15	6.95	6.99	6.82	6.86	6.73	6.80	6.67	6.75	6.62	6.69	6.59		
70	3.47	3.50	3.43	3.45	3.38	3.42	3.35	3.38	3.34	3.36	3.33	3.35	3.33	3.35	3.32	3.34	3.34		
75	2.48	2.45	2.44	2.41	2.42	2.39	2.40	2.38	2.40	2.37	2.39	2.37	2.39	2.36	2.39	2.37	2.41		
80	1.58	1.56	1.56	1.54	1.55	1.53	1.53	1.51	1.52	1.50	1.52	1.50	1.51	1.50	1.51	1.49	1.52		
85	0.70	0.69	0.70	0.61	0.60	0.67	0.68	0.65	0.67	0.64	0.66	0.64	0.59	0.62	0.64	0.63	0.65		
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
110	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00		
115	0.00	0.06	0.00	0.05	0.00	0.06	0.00	0.06	0.00	0.06	0.00	0.06	0.01	0.06	0.00	0.06	0.01		
120	0.06	0.11	0.05	0.11	0.05	0.11	0.06	0.11	0.05	0.11	0.07	0.11	0.06	0.12	0.06	0.12	0.07		
125	0.17	0.22	0.17	0.22	0.16	0.21	0.16	0.21	0.16	0.22	0.17	0.22	0.17	0.23	0.18	0.24	0.19		
130	0.36	0.40	0.34	0.39	0.33	0.38	0.33	0.38	0.33	0.38	0.33	0.40	0.35	0.42	0.37	0.43	0.39		
135	0.62	0.65	0.59	0.62	0.56	0.61	0.55	0.60	0.55	0.61	0.57	0.62	0.59	0.65	0.62	0.68	0.65		
140	0.93	0.95	0.88	0.91	0.84	0.88	0.82	0.88	0.82	0.88	0.84	0.90	0.87	0.94	0.92	0.99	0.98		
145	1.27	1.29	1.21	1.24	1.17	1.20	1.14	1.19	1.14	1.19	1.16	1.23	1.20	1.27	1.26	1.33	1.32		
150	1.62	1.64	1.57	1.58	1.52	1.54	1.49	1.53	1.49	1.54	1.50	1.57	1.55	1.61	1.60	1.67	1.67		
155	1.94	1.97	1.89	1.92	1.85	1.90	1.83	1.88	1.82	1.88	1.83	1.90	1.87	1.93	1.90	1.99	1.97		
160	2.22	2.26	2.18	2.23	2.17	2.22	2.16	2.21	2.14	2.21	2.16	2.22	2.18	2.24	2.19	2.27	2.23		
165	2.44	2.49	2.44	2.49	2.43	2.48	2.43	2.49	2.43	2.49	2.43	2.48	2.43	2.48	2.44	2.50	2.45		
170	2.62	2.68	2.63	2.70	2.63	2.68	2.63	2.69	2.63	2.70	2.65	2.71	2.65	2.70	2.63	2.70	2.63		
175	2.76	2.84	2.80	2.86	2.79	2.83	2.78	2.85	2.79	2.86	2.81	2.87	2.80	2.86	2.79	2.85	2.78		
180	2.84	2.84	2.85	2.87	2.87	2.88	2.86	2.86	2.86	2.87	2.87	2.89	2.89	2.89	2.88	2.89	2.88		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:30 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks: